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DOCKET NO.: 2002.02.002.WS0  
CLIENT NO.: SAMS01-00163  
Customer No.: 23990

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent No. : 7,139,593 B2  
Inventor(s) : Adnan Kavak et al.  
Issued : November 21, 2006  
Title : SYSTEM AND METHOD FOR IMPROVING PERFORMANCE  
OF AN ADAPTIVE ANTENNA ARRAY IN A VEHICULAR  
ENVIRONMENT

Certificate of Correction Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

Sir:

The undersigned hereby certifies that the following documents:

1. Request for Certificate of Correction (in duplicate);
2. Certificate of Correction (in duplicate); and
3. A postcard receipt

Certificate  
MAR 29 2007  
of Correction

relating to the above application, were deposited as "First Class Mail" with the United States Postal Service, addressed to Certificate of Correction Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on March 21, 2007.

Date: March 21, 2007

Rita Kan  
Mailer

Date: 21 March 2007

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Sir:

**REQUEST FOR CERTIFICATE OF CORRECTION**

Certain clerical or typographical errors were noted in the above-identified patent as indicated on the attached Certificate of Correction. The Office listed "α" throughout the specification and claims when it should have been "a."

Applicant respectfully requests that a Certificate of Correction be issued pursuant to 37 C.F.R. §1.322. It is believed that this error is the office's mistake and therefore no fee is due. If this is incorrect, the Commissioner is hereby authorized to charge any additional fee associated with this communication or credit any overpayment to Deposit Account Number 50-0208.

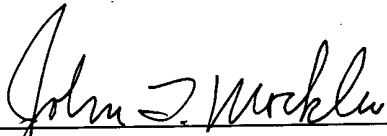
MAR 29 2007

ATTORNEY DOCKET NO.: 2002.02.002.WS0  
PATENT NO.: 7,139,593 B2

Respectfully submitted,

MUNCK BUTRUS, P.C.

Date: 21 March 2007

  
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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 7,139,593 B2  
DATED : November 21, 2006  
INVENTOR(S) : Adnan Kavak and Joseph Cleveland

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 9, delete Equation (2), and replace with  $-\rho_1 = |(a^1_c) * (a^1_p)| -;$

Column 9, delete Equation (3), and replace with  $-\rho_2 = |(a^2_c) * (a^2_p)| -;$

Column 10, line 10, delete " $w = \alpha^1_c$ " and replace with  $-w = a^1_c -;$

Column 10, line 12, delete " $w = \alpha^2_c$ " and replace with  $-w = a^2_c -;$

Column 12, claim 6, delete the equation in claim 6 and replace it with  
 $-\rho_1 = |(a^1_c) * (a^1_p)| -;$

Column 13, claim 7, delete the equation in claim 7 and replace it with  
 $-\rho_2 = |(a^2_c) * (a^2_p)| -;$

Column 14, claim 16, delete the equation in claim 16 and replace it with  
 $-\rho_1 = |(a^1_c) * (a^1_p)| -;$

Column 14, claim 17, delete the equation in claim 17 and replace it with  
 $-\rho_2 = |(a^2_c) * (a^2_p)| -;$  and

Column 15, claim 19, line 10, delete " $a^2_c$ " before the term "spatial".

MAILING ADDRESS OF SENDER:  
Docket Clerk  
P.O. Drawer 800889  
Dallas, Texas 75380

PATENT NO. 7,139,593 B2

No. of additional copies

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This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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2, 9 2007

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PTO/SB/44 (04-04)

Approved for use through 04/30/2007. OMB 0651-0033

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Column 15, claim 19, line 10, delete " $a^2_c$ " before the term "spatial".

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